CPLUS-31USBC

4K60 Multi-Format to HDMI Switcher

This 3x1 Multi-Format to HDMI Switch is a 4K@60Hz (4:4:4) switch featuring USB Type-C and HDMI inputs which are automatically converted to a standard HDMI format for use with projectors or displays. This unit provides easy switching functionality with both a manual input selection button and an optional autosensing "last memory" feature which can automatically switch to a newly connected source or revert to the previous source, if the current one becomes disconnected, with no user intervention necessary.

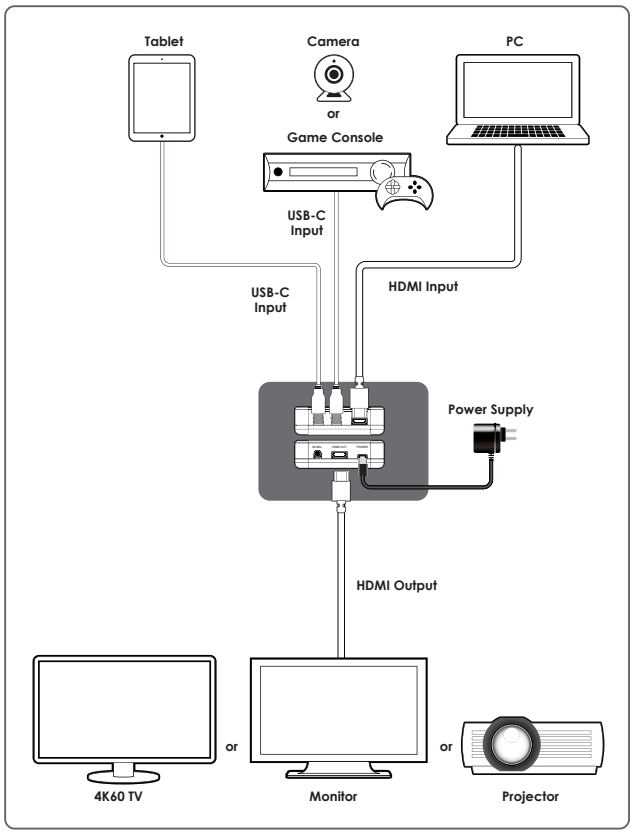
The interface supports full, uncompressed 4K@60Hz (4:4:4) inputs and output with HDR10+ and Dolby Vision, as well as pass-through audio formats. This common-interface switch provides high-quality video signal transmission for use in presentation systems, huddle rooms, digital signage, educational AV deployments, and home entertainment installations. The compact, lightweight form factor supports portable use and rapid deployment.

PANELS

Front View

Rear View

DIAGRAM



FEATURES

- 2 USB Type-C inputs, 1 HDMI input, and 1 HDMI output
- Input and output resolution up to 4K@60Hz (4:4:4) uncompressed video with HDR10+ , HLG, and Dolby Vision at 18 Gpbs
- Controllable via a single rear panel button with LEDs
- Supports auto-switch functionality with a "last memory" feature
- EDID bypass with an optimized algorithm to ensure the optimal resolution and feature support
- Support Deep Color input and output up to 12-bit
- Support pass-through of audio formats including LPCM (up to 8 channels), Bitstream and HD Bitstream.
- Compatible advanced audio formats such as Dolby Digital 5.1 (AC-3), DTS 5.1, DD+, D-TrueHD, DTS-HD High Resolution, DTS-HD Master Audio, Dolby Atmos, and DTS X
- Compact and portable switch box design
- HDCP 1.x and 2.2 compliant

SPECIFICATIONS

Interfaces		
Input Ports	2×USB (Type-C) 1×HDMI (Type-A)	
Output Port	1×HDMI (Type-A)	
Service/Power Port	1×USB (Type-C)	
Video		
HDMI Compliance	HDMI 2.0 (DP 1.4) (DVI 1.0)	
HDCP Compliance	2.2	
Deep Color	8 bit, 10 bit, 12 bit	
Input Signal Types	HDMI 4K@60 8-bit YUV 4:4:4 USB-C 4K@60 8-bit YUV 4:4:4	
Output Signal Types	HDMI 4K@60 8-bit YUV 4:4:4	
		Resolutions
Maximum Input	HDMI	4096×2160p@60 YUV 4:4:4
	USB-C	4096×2160p@60 YUV 4:4:4
Maximum Output	HDMI	4096×2160p@60 YUV 4:4:4
Audio		
Input	LPCM (8 Channels), Bitstream, HD Bitstream	
Output	LPCM (8 Channels), Bitstream, HD Bitstream	
Power		
Power Supply	5V/ 3 A	
Power Consumption	4.6W	
Enclosure		
Chassis Material	Plastic	
Chassis Color	White	
Dimensions (W×H×D)	85mm×26mm×85mm [Case Only] 85mm×26mm×86.5mm [All Inclusive]	
Weight	87g	
Field Firmware Update		
USB		

ORDERING INFORMATION

Model No.	Product Description
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